



PANVIEW iQ™ PHYSICAL INFRASTRUCTURE MANAGEMENT SYSTEM

Enabling Intelligence Throughout the Physical Layer

The Case for Network Intelligence

In today's data center, the quick identification and resolution of network problems and security threats is key to business success. However, many organizations overlook the importance of deploying network intelligence in the data center.

Without real-time monitoring and visibility into dense physical layer connectivity, enabled by an intelligent physical infrastructure management system, enterprises are vulnerable to risk across several areas:

Security and Regulatory Compliance

- Disruptions caused by inadvertent disconnections or potential security breaches may not be identified in sufficient time for proper remedial response
- Without systems in place to ensure financial information and corporate communications are adequately protected, enterprises may find themselves in violation of industry regulations (from Sarbanes-Oxley, Basel II and HIPAA to Gramm-Leach-Bliley)

Network Availability

- Improperly executed patch field changes may not be easily detected in a timely manner, resulting in substantial downtime to network services and mission-critical applications
- Manual documentation and maintenance of patch field connectivity are dependent on adherence to written processes and manual audits which require substantial effort

Response Time

- Without a "snapshot" of their network connectivity and capacity, organizations require more time for planning and installation
- Notification delays can prolong network downtime and hamper disaster recovery measures, resulting in significant cost to repair and restore connectivity

Asset Utilization

- Unused or wasted server and switch ports reduce the effectiveness of data center consolidation efforts and prolong the time required to achieve ROI on IT assets
- Lost or poorly configured hardware assets are difficult to track, which complicates commissioning/decommissioning projects and increases labor costs associated with repair and replacement

Physical infrastructure management systems provide automated, accurate, and up-to-date tracking of network connections through monitoring and reporting capabilities, critical to timely infrastructure diagnosis and troubleshooting efforts.

Overcoming the Challenges

The *PANVIEW iQ™* Physical Infrastructure Management System helps IT stakeholders address risk by providing real-time monitoring and visibility of physical layer connectivity within enterprise data centers and telecommunication spaces.

Benefits of the system include:

Automated Documentation of Network

Captures planned and unplanned changes that occur in patch field connectivity and automatically updates the connectivity database

Asset Management and Reporting

Documents and manages network inventory for increased speed of configuration and efficient record retrieval and reporting

Work Order Management and Tracking

Guides, monitors and expedites the work order process and manages scheduled network maintenance activities

Web-Based Remote Management

Enables local and remote management accessible from anywhere in the world

Scalable Deployment Options

Allows deployment flexibility to accommodate growth as business needs evolve



Enhancing Network Security

Maintaining network security has traditionally meant restricting access points and protecting the network infrastructure from data corruption, viruses, or physical damage. However, laptop computing, remote workforces, messaging, and peer to peer Internet applications have widened the scope of security risks. Additionally, new industry rules, requirements, and regulations have forced organizations to rethink their security strategies in order to improve the safe and secure transmission of sensitive data and information.

The *PANVIEW iQ™* Physical Infrastructure Management System enhances network security with effective controls and reporting processes.

Real-Time Monitoring of Patch Field Connections

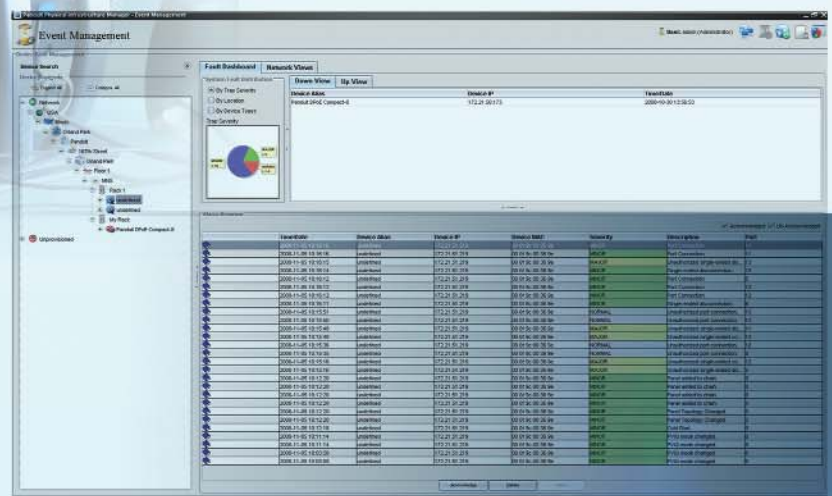
Scans patch field connections 24 hours a day/365 days a year to provide network administrators with visibility into the physical layer to track activities locally or remotely

Unauthorized Access or Change Alerts

Provides real-time notification of unauthorized access or changes in the physical layer patch field, allowing for quick isolation, notification, and resolution of faults or potential security breaches

Asset Tracking and Documentation

Utilizes a comprehensive, relational database to document and manage physical layer connectivity in the network to identify, track and report all asset movements, providing auditable event logs that comply with industry regulations





Improving Network Reliability

Enterprises require uninterrupted user access to mission-critical business applications. The most common service interruptions to the physical layer result from moves, adds, and changes (MACs) that are needed to grow data center capacity and extend the life of active equipment and connectivity. Human error related to (MACs), as well as outdated records, have made automation a necessity to ensure optimum network availability.

The *PANVIEW iQ™* Physical Infrastructure Management System provides:

Automated Patch Field Verification and Documentation

Verifies the accuracy of the patch field database at all times and creates automated documentation to provide real-time visibility of the physical layer, without manual record keeping

Point and Click Diagnostics

Allows visibility to the current status of patch field connectivity for improved troubleshooting and response time

Simplifies connectivity troubleshooting by allowing interaction with an on-screen infrastructure map of all physical layer links

Guided Moves, Adds, and Changes

Documents MACs for planned configuration changes and provides a defined set of IT staff instructions, reducing risk of errors and improving speed of deployment

Web-Based Management

Utilizes a graphical user interface (GUI) that provides intuitive, easy to use network manageability

Remote Accessibility

Allows global network access via a web-browser for cost-effective network management and access to vital network information from anywhere in the world



Connect, Manage, Automate Your Infrastructure

REVOLUTIONARY! Interconnect

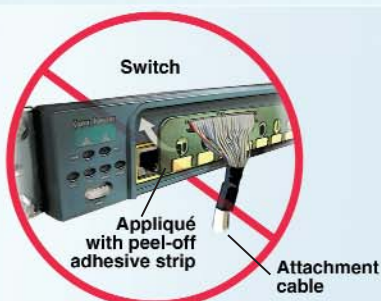
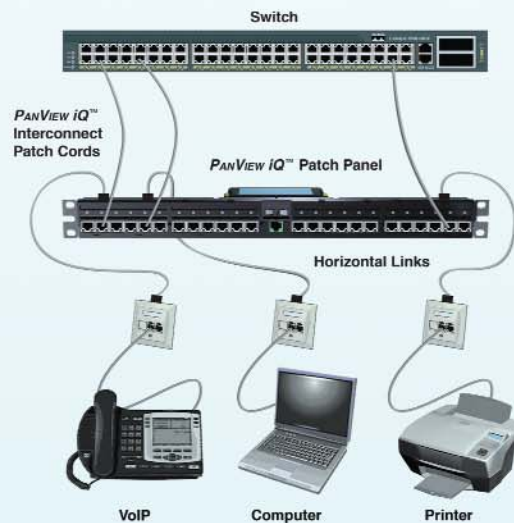
The interconnect configuration is ideal for data centers with space limited areas that have lower reconfiguration requirements and utilize higher density connections than other computing areas. The new *PANVIEW iQ™* System interconnect capability provides the assurance of accurate switch port provisioning and patch field documentation when monitored by the *PANVIEW iQ™ PHYSICAL INFRASTRUCTURE MANAGER™ (PIM™)* Software. This revolutionary design requires no additional cables, appliances, or obstructive overlays on a switch which interfere with switch port connections (see box below).



When network elements such as switches need to be reconfigured, the *PANVIEW iQ™* System provides LED guidance to ensure proper switch port allocation/de-allocation. Network elements such as servers can also be monitored at the physical layer to ensure proper connectivity. With the *PANVIEW iQ™* System, both ends of the switch-server relationship are monitored via the *PIM™* Software, which leads to quicker problem resolution and rapid service/application restoration.

Telecommunications Room

In areas where space is at a premium and limited moves, adds and changes will occur, an interconnect infrastructure will save space and reduce implementation costs. These areas will utilize the unmodified local switch to patch into the *PANVIEW iQ™* Distribution Patch Panel.



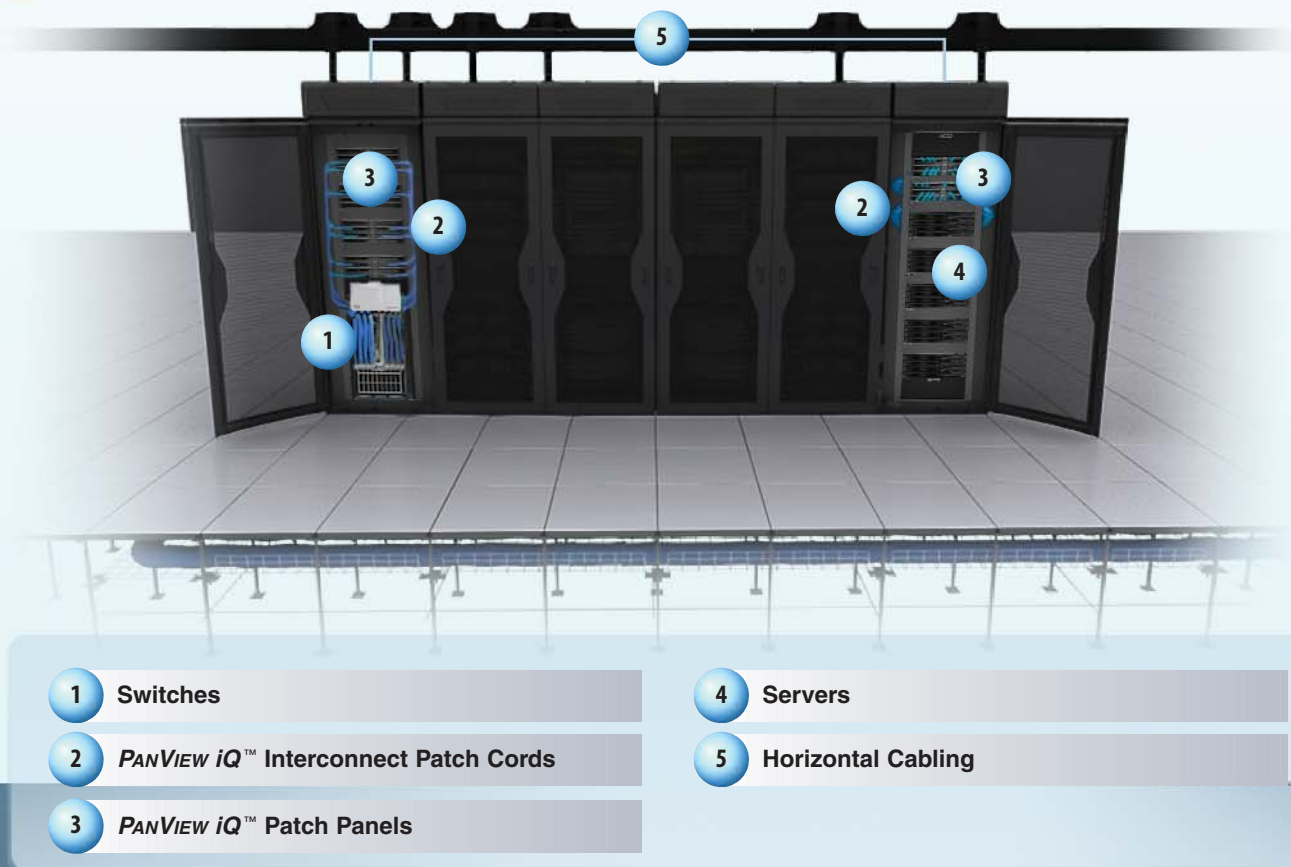
- Eliminates the need for scanner units and the rack spaces these units occupy
- Eliminates the need for attachment cables and stick-on strips which mount to switches

Interconnect and cross-connect are both proven methods of connecting network elements within data centers and telecommunication rooms. The density of IT assets within racks and cabinets as well as the frequency of asset reconfigurations will drive the decision on which method will be most effective.

PANVIEW iQ™ (PViQ™) Interconnect Benefits

- Unique *PViQ™* Provisioning Port and Intelligent Interconnect Patch Cords guide installers to the correct switch and panel ports for flawless MACs
- Detects connections and disconnections made between the switch and *PViQ™* Patch Panels and visually identifies these ports through colored LEDs on the *PViQ™* Patch Panels, as well as LEDs built into enhanced *PViQ™* Interconnect Patch Cords
- *PViQ™ PHYSICAL INFRASTRUCTURE MANAGER™ (PIM™)* Application Software is notified in the event of completed patching or connection violations
- Monitors all server (or other networking devices) connections and disconnections connected to *PViQ™* Patch Panels with *PViQ™* Interconnect Patch Cords
- Reports and provides asset tracking of devices with the *PViQ™ PIM™* Software through on-screen, email or network (SNMP) notification
- Lowers operational and administrative costs and establishes higher physical layer security allowing for faster response times

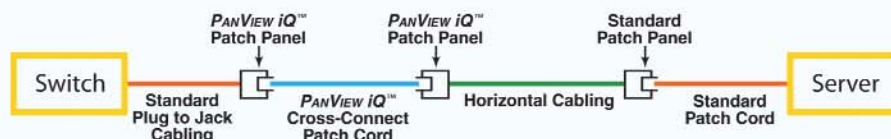
REVOLUTIONARY! Data Center



Connect, Manage, Automate Your Infrastructure

Cross-Connect

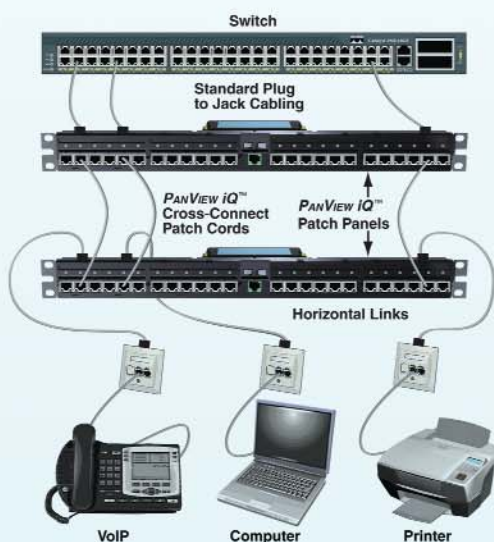
A cross-connect infrastructure is warranted in data centers where server commissioning/decommissioning and equipment cut-overs necessitate configuration flexibility and cable routing for application reconfigurations.



In cross-connect configurations, the more permanent and highest density network element (such as the high-speed switch) is permanently cabled through the back of a *PANVIEW iQ™* Intelligent Patch Panel with modular jacks. Patch cords are then connected between the representative switch-port panel and the remote routable *PANVIEW iQ™* Patch Panel cabled via horizontal runs to remote cabinets typically containing other network elements (e.g., servers) or endpoint equipment (e.g., computers, IP phones, security equipment, etc.).

Telecommunications Room

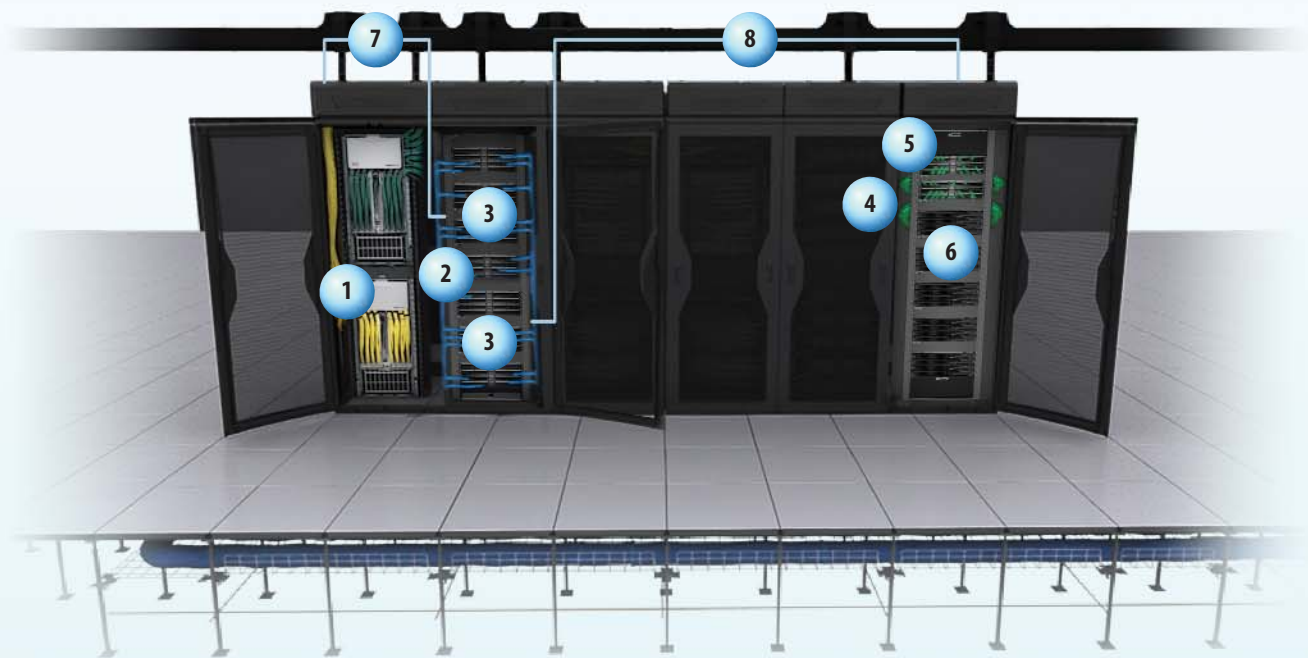
Intermediate distribution areas or data-communications closets (as shown below), may implement a cross-connect infrastructure to reduce the facility reconfiguration costs and cabling time.



PANVIEW iQ™ (PViQ™) Cross-Connect Benefits

- Provides a high level of physical security and asset tracking of devices with the *PViQ™* System from the logical layer to the physical layer
- *PViQ™* Patch Panels detect double-ended (both ends connected) and single-ended (far end disconnected) connections for improved fault isolation
- The *PViQ™ PIM™* Application can automatically commit cross-connect patch field configurations on selected panels to database
- Guides moves, adds, and changes (MACs) from either patch panel in the cross-connect configuration
- Extends port visibility and accessibility of expensive, mission-critical switching equipment into an easily reconfigurable patch field
- Maps other network elements such as servers and storage devices through representative panel ports and *PViQ™ PIM™* Software

Data Center



1 Switches

2 PANVIEW iQ™ Cross-Connect Patch Cords

3 PANVIEW iQ™ Patch Panels

4 Standard Patch Cords

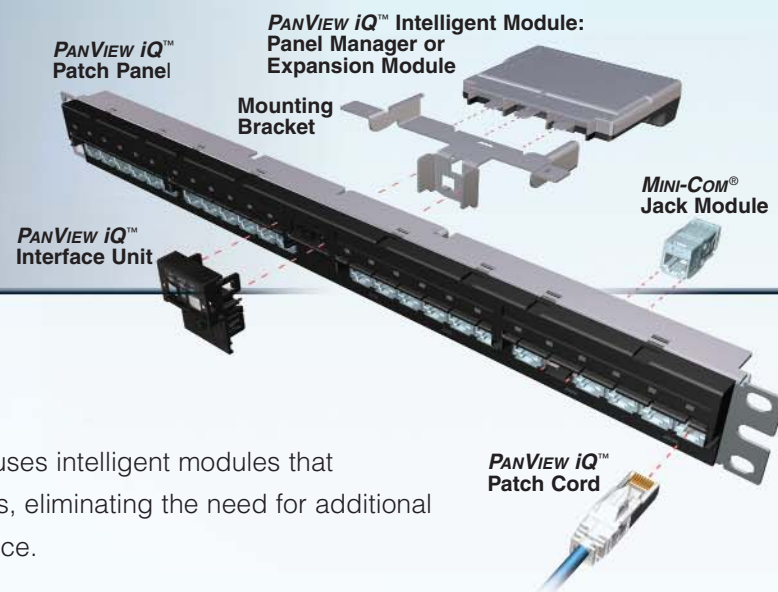
5 Standard Patch Panels

6 Servers

7 Standard Plug-to-Jack Cabling

8 Horizontal Cabling

System Overview



The unique flexible design of the *PANVIEW iQ™* System uses intelligent modules that snap directly into the back of *PANVIEW iQ™* Patch Panels, eliminating the need for additional hardware components that consume valuable rack space.

PANVIEW iQ™ Patch Panels

PANVIEW iQ™ Patch Panels have been developed with functionality, scalability, and consideration for rack space efficiency. The innovative patch panel design provides opportunities for phased installations that allow an organization to install passive connectivity now and upgrade to a fully managed system at a later time.

The *PANVIEW iQ™* Patch Panels which include flat (UTP and STP) and angled (UTP and STP) styles provide flexibility by offering compatibility with all *MINI-COM®* offering UTP, and STP Copper Modules, as well as LC Fiber Optic Adapters.

PANVIEW iQ™ Interface Units

The revolutionary interface unit eliminates the need for separate control equipment by allowing the following operational modes to be accessed or viewed directly from the front of the panel:

- Visually and audibly alert user when any changes are made – **Secure Mode**
- Notify user when pending change order has been sent to the PViQ™ Patch Panel – **MAC Mode**
- Direct user to near and far end of patch field for end-to-end connectivity verification – **Trace Mode**
- Diagnostic services available locally and remotely – **Maintenance Mode**
- Commit current patch field configuration on selected panels to database – **Learn Mode**

The provisioning port allows guided patching from *PANVIEW iQ™* Panels to designated switch ports in support of secure network segmentation.

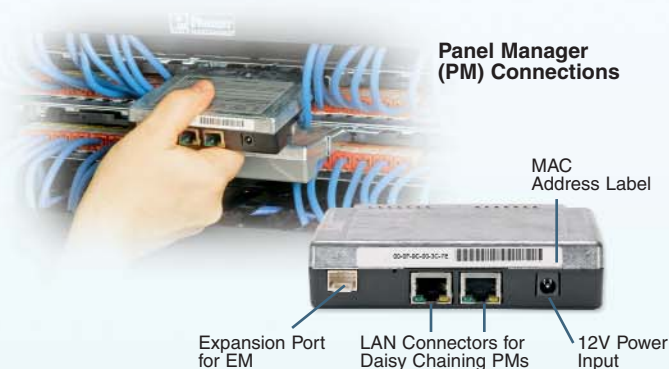


Interface unit shown for *PANVIEW iQ™* Panel Manager (PM).
Interface unit for *PANVIEW iQ™* Expansion Manager (EM)
does not contain provisioning port.

PANVIEW iQ™ Intelligent Modules

Panel Manager (PM)

The *PANVIEW iQ™* Panel Manager is designed to consolidate patch field scanning and management functions into a single, removable module. It contains an embedded web interface for remote management and access to connectivity information.



Expansion Module (EM)

The *PANVIEW iQ™* Expansion Module cost-effectively expands the scanning and management capabilities of the *PANVIEW iQ™* Panel Manager to additional patch panels.



PHYSICAL INFRASTRUCTURE MANAGER™ (PIM™) Software

PANDUIT® *PHYSICAL INFRASTRUCTURE MANAGER™* (PIM™) Software is a web-based application suite that maps and monitors both the physical layer and network resources to enable better infrastructure visibility and to reduce network operational cost.

The application suite provides automated network documentation and maintenance for the physical layer, offering improved reliability and security while increasing overall network management efficiency.





Innovative *PANVIEW iQ*™ Enhanced Interconnect Patch Cords

The interconnect patching capability of the *PANVIEW iQ*™ Physical Infrastructure Management System allows for accurate connections and disconnections between *PANVIEW iQ*™ Patch Panels and specified switch ports through visual verification of change orders as defined through the *PANVIEW iQ*™ *PHYSICAL INFRASTRUCTURE MANAGER*™ (*PIM*™) Software.

The higher density of connection points on network equipment creates risk when changes are required. Identification of proper switch ports is imperative to ensure business continuity so that applications and services are not improperly connected or mistakenly taken out of service. The speed and accuracy of connecting to the correct switch port is increased through guided visual notification.

Building upon the functionality of the basic *PANVIEW iQ*™ Interconnect Patch Cords (shown on page 17), the new enhanced *PANVIEW iQ*™ Interconnect Patch Cords (shown illustrated below) implement an industry-first design which integrates LEDs directly into the patch cord plug, providing visual verification of accurate patching and tracing activities.

- **Accurate Network Switch Port Connections**

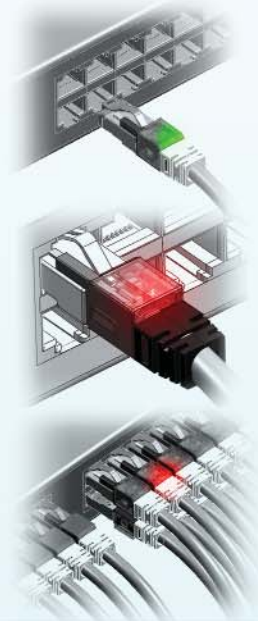
Enhanced *PANVIEW iQ*™ Interconnect Patch Cords visually indicate and verify accurate insertion at the switch port, ensuring that the right services and networking capabilities are provided for this connection.

- **Guided Disconnects**

The *PANVIEW iQ*™ System guides removal of interconnect patch cords from both the switch and corresponding patch panel to reduce risk and enable secure disconnects, reducing the potential for service disruption to peripheral ports.

- **Visual Traceability**

Enhanced *PANVIEW iQ*™ Interconnect Patch Cords enable port tracing between *PANVIEW iQ*™ Patch Panels and network switches via local access or remote management. This innovative capability allows for direct mapping and verification of end-to-end patch field connection points.



PANVIEW iQ™ Enhanced Cross-Connect Patch Cords

LEDs integrated into the plug end of enhanced *PANVIEW iQ*™ Cross-Connect Patch Cords provide visual verification of accurate patching and tracing activities.

- **Guided Bundle Patching**

Enhanced *PANVIEW iQ*™ Cross-Connect Patch Cords help to identify the appropriate patch cord when large cable bundles are being routed through horizontal and vertical cable managers. This saves time and increases the accuracy of the patching operation.

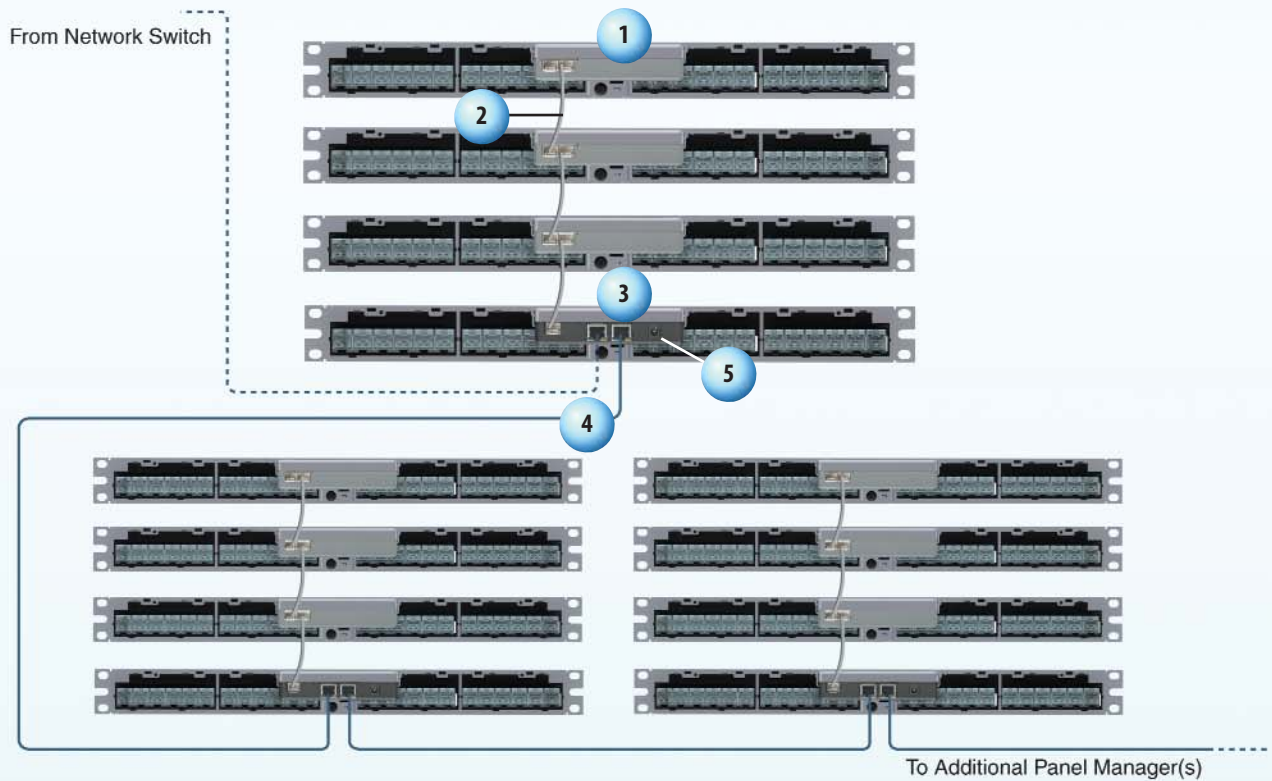
- **Accurate Connections**

Enhanced *PANVIEW iQ*™ Cross-Connect Patch Cords visually indicate and verify insertions at *both* ends of the connection, confirming that the patching request has been reliably completed.



Installation Example

Rear View of a 96-Port Connectivity Management Kit



1 PANVIEW iQ™ Expansion Module (EM)
Up to 3 EMs may be connected and extended from each PM

2 PANVIEW iQ™ Expansion Port Cable
(included with an expansion module) that carries power and data between all modules

3 PANVIEW iQ™ Panel Manager (PM)
Up to 50 connected PMs may be patched to a single switch port

4 RJ45 Patch Cord
(included with a *PANVIEW™* Panel Manager) that connects the PM to additional PMs via a LAN connection

5 Power Supply Input
for the *PANVIEW iQ™* Panel Manager (PM)

PANVIEW iQ™ Patch Panels

PANVIEW iQ™ Patch Panels revolutionize intelligent physical infrastructure management by providing a modular and scalable approach to meet the demands of enterprise and data center installations. Standard copper and fiber cabling is used for all (horizontal link) terminations onto the back of these panels while unique PANVIEW iQ™ Patch Cords are used for cross-connect or interconnect installations. The innovative design of PANVIEW iQ™ Patch Panels permit cabling and data connectivity to be installed immediately with “intelligence ready” connections that allow the incremental growth and provisioning of panel management capabilities.

- Accommodates intelligent modules that mount in the rear and utilize no additional rack space (zero RU)
- Accepts all *MINI-COM*® UTP, STP, and LC Fiber Optic Modules
- Accepts a PANVIEW iQ™ Interface Unit to provide patch cord tracing and provisioning of switch ports with PANVIEW iQ™ Interconnect Patch Cords or patch field mapping with PANVIEW iQ™ Cross-Connect Patch Cords
- Mount to standard EIA 19" rack or 23" racks with optional extender bracket



PVQ-MIQAPU24



PVQ-MIQPU24



PVQ-MIQPS96F

Part Number	Part Description	No. of Rack Spaces [^]	Std. Pkg. Qty.	Std. Ctn. Qty.
Angled PANVIEW iQ™ Patch Panels				
PVQ-MIQAPU24	24-port unpopulated angled modular intelligent module ready patch panel accepts all <i>MINI-COM</i> ® UTP and LC Fiber Optic Modules.	1	1	10
PVQ-MIQAPS24	24-port unpopulated angled modular intelligent module ready patch panel accepts all <i>MINI-COM</i> ® STP Modules.	1	1	10
Flat PANVIEW iQ™ Patch Panels				
PVQ-MIQPU24	24-port unpopulated modular intelligent module ready patch panel accepts all <i>MINI-COM</i> ® UTP and LC Fiber Optic Modules.	1	1	10
PVQ-MIQPS24	24-port unpopulated modular intelligent module ready patch panel accepts all <i>MINI-COM</i> ® STP Modules.	1	1	10
PANVIEW iQ™ Connectivity Management Kit				
PVQ-MIQPS96F	For standard configurations, this 96-port modular intelligent panel kit includes four flat PANVIEW iQ™ Patch Panels (PVQ-MIQPU24), one PANVIEW iQ™ Panel Manager with interface unit, and three PANVIEW iQ™ Expansion Modules with expansion port cables and interface units. Also includes one 1.5' (0.5m) RJ45 patch cord for connection to network switch or additional daisy-chained PANVIEW iQ™ Panel Managers. (Power Supply, PANVIEW iQ™ Patch Cords and MINI-COM® Modules are not included and must be purchased separately.) [PVQ-MIQPS96A will be released as an angled kit. See website for availability at www.panduit.com/pim .]	4	1	—

[^]One rack space = 1.75" (44.45mm).

PANVIEW iQ™ Panel Manager requires proper country specific power supply (PVQ-PS12VDC-S for North America, PVQ-PS12VDC-E for Europe, or PVQ-PS12VDC-U for United Kingdom) which must be ordered separately.

PANVIEW iQ™ Fiber Trays



PVQ-FMT

Part Number	Part Description	No. of Rack Spaces^	Std. Pkg. Qty.	Std. Ctn. Qty.
PVQ-FMT	24-port <i>PANVIEW iQ™</i> Fiber Tray with no fiber adapters.	1	1	1
PVQ-FMTMTP-ZX	24-port <i>PANVIEW iQ™</i> Fiber Tray including 24 (CMDSAQLCZBL) LC SR./SR. 10 GbE™ SFF duplex multimode aqua adapters with zirconia ceramic split sleeves.	1	1	1
PVQ-FMTMTP-9	24-port <i>PANVIEW iQ™</i> Fiber Tray including 24 (CMDSLCZBU) LC SR./SR. SFF duplex singlemode blue adapters with zirconia ceramic split sleeves.	1	1	1

PANVIEW iQ™ Intelligent Modules

PANVIEW iQ™ Intelligent Modules enable the *PANVIEW iQ™* Patch Panels to sense connections and disconnections from each port and relay status information to the *PHYSICAL INFRASTRUCTURE MANAGER™ (PIM™)* Software Database. The intelligent modules also accept trace mode and MAC commands to provide guidance via the *PANVIEW iQ™* Interface Unit and Patch Panel LEDs.

- Provides manageability for a *PANVIEW iQ™* Patch Panel
- Eliminates the need for additional rack space by attaching directly to the back of a *PANVIEW iQ™* Patch Panel
- Enables quick addition, removal, or replacement of intelligent modules to add management capabilities
- Supports both cross-connect and interconnect installations
- The intelligent panel manager (PM) module provides networking interface, power connection and expansion port connections
- The intelligent expansion module (EM) receives all power and data signals from the PM through the expansion port. Three EMs can be connected to one PM



PVQ-PM



PVQ-EM

Part Number	Part Description	Std. Pkg. Qty.
PVQ-PM	Panel manager (includes mounting bracket, 1.5' (0.5m) RJ45 patch cord, and interface unit).	1
PVQ-EM	Expansion module (includes mounting bracket, expansion port cable, and interface unit).	1

PANVIEW iQ™ Panel Manager requires proper country specific power supply (shown on page 16) which must be ordered separately.

PANVIEW iQ™ Power Supply

- Provides 12 volts of regulated power
- One power supply required per *PANVIEW iQ™* Panel Manager module
- Offers flexible placement inside of rack
- 5 foot (1.5m) cord length



Part Number	Part Description	Std. Pkg. Qty.
PVQ-PS12VDC-S	30W power supply for North America.	1
PVQ-PS12VDC-E	30W power supply for Europe.	1
PVQ-PS12VDC-U	30W power supply for UK.	1

PHYSICAL INFRASTRUCTURE MANAGER™ Software

- Supports the *PANVIEW iQ™* System
- Provides automated documentation of network patch field connectivity
- Provides real-time notification of all changes in physical layer patch field
- Documents and assigns moves, adds, and changes for planned configuration changes
- Utilizes a web-based graphical user interface that is globally accessible
- Allows integration between third-party programs via the *PANDUIT* Application Programming Interface (API) e.g. HP OpenView Network Node Manager^

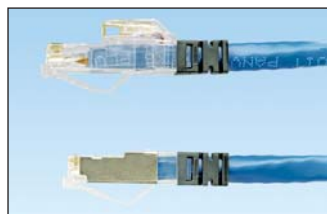


Part Number	Part Description	Std. Pkg. Qty.
PIMS-MEDIA	Software user manual with <i>PHYSICAL INFRASTRUCTURE MANAGER™ (PIM™)</i> SOFTWARE CD and support tools.	1
PIMS-100EL	Endpoint license for 100 intelligent links.	1
PIMS-1KEL	Endpoint license for 1000 intelligent links.	1
PIMS-MA-B1	Software maintenance agreement, basic, 1-year.	1

^HP, OpenView, and Network Node Manager are registered trademarks of Hewlett-Packard Development Company, L.P.

PANVIEW iQ™ Patch Cords

- *PANVIEW iQ™* Interconnect Patch Cords support connectivity between shielded non-*PANVIEW iQ™* enabled ports (e.g., switches with shielded jacks, servers with shielded jacks, etc.) and *PANVIEW iQ™* Panel Ports
- *PANVIEW iQ™* Cross-Connect Patch Cords manage and map the patch field between two *PANVIEW iQ™* Patch Panels
- All *PANVIEW iQ™* Patch Cords permit *PANVIEW iQ™* Panels to detect single-ended connections



PVQ-BIU6C3BU

Part Number	Part Description	Length		Cable Color	Std. Pkg. Qty.	Std. Ctn. Qty.
		Ft.	m			
Copper Interconnect Patch Cords – Basic						
PVQ-BIU6C3BU*	Category 6 UTP interconnect patch cord for use with <i>PANVIEW iQ™</i> Patch Panel, Communications (CM) rated.	3	—	Blue	1	10
PVQ-BIU6L1MBU^	Category 6 UTP interconnect patch cord for use with <i>PANVIEW iQ™</i> Patch Panel, Low Smoke Zero Halogen (LSZH) rated.	—	1	Blue	1	10

Additional lengths and colors available:

*For lengths of 5, 7, 10, 14 or 20 feet, change the length designation in the part number to the desired length. For standard cable color other than BU (Blue), replace BU in the part number with GR (Green). For example, the part number for a green, 5-foot patch cord is PVQ-BIU6C5GR.

^For lengths of 2, 3, 5 or 10 meters, change the length designation in the part number to the desired length. For standard cable color other than BU (Blue), replace BU with WH (White). For example, the part number for a white 2 meter patch cord is PVQ-BIU6L2MWH.

Contact *PANDUIT* Customer Service for lead times and for non-standard lengths and colors.

Part Number	Part Description	Length		Cable Color	Std. Pkg. Qty.	Std. Ctn. Qty.
		Ft.	m			
Copper Interconnect Patch Cords – Enhanced						
PVQ-EU6AC3BU*	10GiG™ UTP Enhanced Interconnect Patch Cord for use with PANVIEW iQ™ Patch Panel, CM rated.	3	—	Blue	1	10
PVQ-ES6X3BU*	10GiG™ STP Enhanced Interconnect Patch Cord for use with PANVIEW iQ™ Patch Panel, dual rated.	3	—	Blue	1	10
PVQ-ES6X1MBU^	10GiG™ STP Enhanced Interconnect Patch Cord for use with PANVIEW iQ™ Patch Panel, dual rated.	—	1	Blue	1	10

Additional lengths and colors available:

*For lengths of 1, 2, 5 or 10 feet, change the length designation in the part number to the desired length. For standard cable color other than BU (Blue), replace BU in the part number with WH (White). For example, the part number for a white, 5-foot patch cord is PVQ-EU6AC5WH.

^For lengths of 2, 3, 5 or 10 meters, change the length designation in the part number to the desired length. For standard cable color other than BU (Blue), replace BU with WH (White). For example, the part number for a white 2 meter patch cord is PVQ-ES6X2MWH.

Contact *PANDUIT* Customer Service for lead times and for non-standard lengths and colors.

PANVIEW iQ™ Patch Cords (continued)



PVUTSPC*BBUY



PVSTP6X*MBBU

Part Number	Part Description	Length		Cable Color	Std. Pkg. Qty.	Std. Ctn. Qty.
		Ft.	m			
Copper Cross-Connect Patch Cords – Basic						
PVUTSPC3BBUY*	Category 6 UTP patch cord for use with <i>PANVIEW iQ™</i> Patch Panel.	3	—	Blue	1	10
PVUTSPC1MBBUY^	Category 6 UTP patch cord for use with <i>PANVIEW iQ™</i> Patch Panel.	—	1	Blue	1	10
PVSTP6X1MBBU^^	Category 6A, STP modular <i>10GiG™</i> Patch Cord for use with <i>PANVIEW iQ™</i> Patch Panel.	—	1	Blue	1	10
PVUTP6X1MBBU‡	Category 6A, UTP modular <i>10GiG™</i> Patch Cord for use with <i>PANVIEW iQ™</i> Patch Panel.	—	1	Blue	1	10

Additional lengths and colors available:

*For lengths of 5, 7, 10, 14 or 20 feet, change the length designation in the part number to the desired length. Available in (BU) blue only. For example, the part number for a blue 5-foot patch cord is PVUTSPC5BBUY.

^For lengths of 2, 3, 5, 7 or 10 meters, change the length designation in the part number to the desired length. For standard cable color other than BU (Blue), replace BU with GR (Green). For example, the part number for a green 5 meter patch cord is PVUTSPC5MBGRY.

^^For lengths of 2, 3, 5, or 10 meters, change the length designation in the part number to the desired length. For standard cable color other than BU (Blue), replace BU with BL (Black), RD (Red), GR (Green) or YL (Yellow). For example, the part number for a green 5 meter patch cords is PVSTP6X5MBGR.

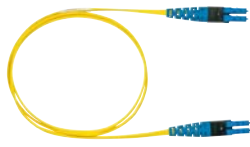
‡For lengths of 2, 3, 5, or 10 meters, change the length designation in the part number to the desired length. For standard cable color other than BU (Blue), replace BU with BL (Black), RD (Red), GR (Green) or YL (Yellow). For example, the part number for a green 5 meter patch cord is PVUTP6X5MBGR.

Contact PANDUIT Customer Service for lead times and for non-standard lengths and colors.

Copper Cross-Connect Patch Cords – Enhanced

Contact PANDUIT for availability.

PANVIEW iQ™ Patch Cords (continued)



PVF9L10-10M*Y

Part Number	Part Description	Length		Cable Color	Std. Pkg. Qty.	Std. Ctn. Qty.
		Ft.	m			
Fiber Cross-Connect Patch Cords						
PVF9L10-10M0.5Y*	Singlemode LC-LC, Duplex 9 micron patch cord for use with <i>PANVIEW iQ™</i> Patch Panel, Low Smoke Zero Halogen (LSZH) rated.	—	.5	Yellow	1	10
PVFXL10-10M0.5Y^	Multimode LC-LC, Duplex 50 micron OM3 patch cord for use with <i>PANVIEW iQ™</i> Fiber Tray, Low Smoke Zero Halogen (LSZH) rated.	—	.5	Aqua	1	10

Additional lengths available:

*For lengths .5 meters to 10 meters (0.5 meter increments), change the length designation in the part number to the desired length (yellow only). For example, the part number for a yellow 7.5 meter singlemode LC-LC patch cord PVF9L10-10M7.5Y.

^For lengths .5 meters to 10 meters (0.5 meter increments), change the length designation in the part number to the desired length (aqua only). For example, the part number of an aqua 7.5 meter multimode LC-LC patch cord is PVFXL10-10M7.5Y.

Contact *PANDUIT* Customer Service for lead times and for non-standard lengths and colors.

Cable Labels for *PANVIEW iQ™* Patch Cords



Suggested Label Solutions for TIA/EIA-606-A Compliance				
Patch Cord Part Number	Laser/Ink Jet Desktop Printer Label	TDP43MY Thermal Transfer Desktop Printer Label	<i>PANTHER™</i> LS8E Hand-Held Printer Label	<i>COUGAR™</i> LS9 Hand-Held Printer Label
All Patch Cords	S100X150YAJ	S100X150VATY	S100X150VAC	T100X000CBC-BK



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